Andrew Freistein 10/630,258

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NEWS 7	SEP 09	ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8	OCT 03	MATHDI removed from STN
NEWS 9	OCT 04	CA/CAplus-Canadian Intellectual Property Office (CIPO) added to core patent offices
NEWS 10	OCT 06	STN AnaVist workshops to be held in North America
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FILE 'HOME' ENTERED AT 14:59:54 ON 16 NOV 2005

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COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:00:05 ON 16 NOV 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 NOV 2005 HIGHEST RN 868125-94-4
DICTIONARY FILE UPDATES: 15 NOV 2005 HIGHEST RN 868125-94-4

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* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
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* *
****

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http://www.cas.org/ONLINE/UG/regprops.html

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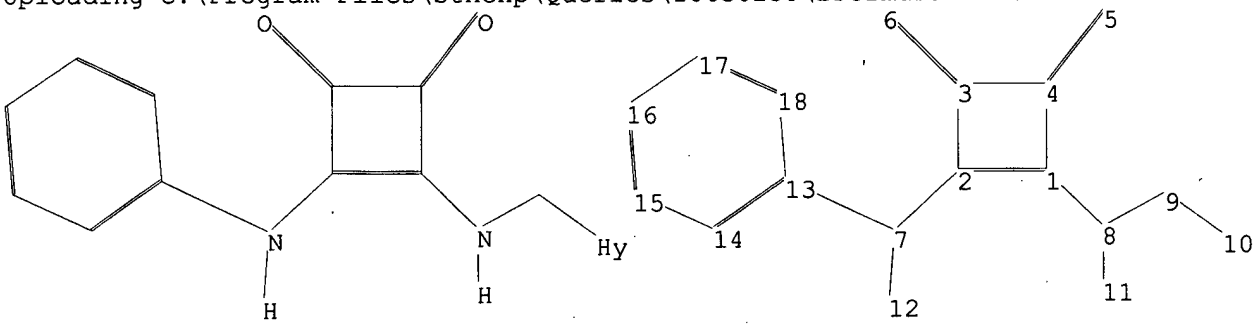


chain nodes :
5 6 7 8 9 10 11 12
ring nodes :

1 2 3 4 13 14 15 16 17 18
chain bonds :
1-8 2-7 3-6 4-5 7-12 7-13 8-9 8-11 9-10
ring bonds :
1-2 1-4 2-3 3-4 13-14 13-18 14-15 15-16 16-17 17-18
exact/norm bonds :
1-2 1-4 1-8 2-3 2-7 3-4 3-6 4-5 7-13 8-9 9-10
exact bonds :
7-12 8-11
normalized bonds :
13-14 13-18 14-15 15-16 16-17 17-18

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:Atom 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom

L1 STRUCTURE UPLOADED

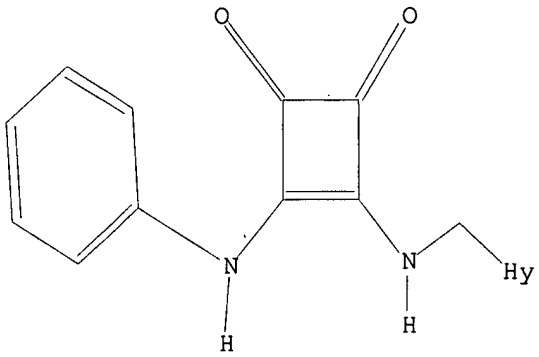
=> s l1
SAMPLE SEARCH INITIATED 15:00:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 99 TO ITERATE

100.0% PROCESSED 99 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1384 TO 2576
PROJECTED ANSWERS: 44 TO 476

L2 13 SEA SSS SAM L1

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 15:00:34 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1897 TO ITERATE

100.0% PROCESSED 1897 ITERATIONS 268 ANSWERS
SEARCH TIME: 00.00.01

L3 268 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	161.54

FILE 'HCAPLUS' ENTERED AT 15:00:41 ON 16 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 16 Nov 2005 VOL 143 ISS 21
FILE LAST UPDATED: 15 Nov 2005 (20051115/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 13 L3

=> d ibib 1-3

L4 ANSWER 1 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:823681 HCAPLUS
DOCUMENT NUMBER: 143:216704
TITLE: Crystalline polymorphs of a CXC-chemokine receptor ligand
INVENTOR(S): Hu, Mengwei; Yu, Younong; Dwyer, Michael; Taveras, Arthur G.; Kim-Meade, Agnes; Yin, Jianguo; Fu, Xiaoyong; Mcallister, Timothy; Zhang, Shuyi; Klopfer, Kevin
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075447	A1	20050818	WO 2005-US3414	20050128
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005192345	A1	20050901	US 2005-45772	20050128
PRIORITY APPLN. INFO.:			US 2004-540487P P	20040130

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 2 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:523473 HCAPLUS
DOCUMENT NUMBER: 143:7936
TITLE: Preparation of oligosaccharide glycomimetic antagonists as E- and P-selectin modulators
INVENTOR(S): Magnani, John L.; Patton, John T., Jr.; Sarkar, Arun K.
PATENT ASSIGNEE(S): Glycomimetics, Inc., USA
SOURCE: PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005054264	A2	20050616	WO 2004-US38782	20041118
WO 2005054264	C1	20050818		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005187171	A1	20050825	US 2004-992238	20041118
PRIORITY APPLN. INFO.:			US 2003-523215P P	20031119
			US 2004-582734P P	20040624

OTHER SOURCE(S): MARPAT 143:7936

L4 ANSWER 3 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:878172 HCAPLUS
DOCUMENT NUMBER: 141:366119
TITLE: Synthesis of 2-hydroxy-N,N-dimethyl-3-[[[2-[(1R)-1-(5-methyl-2-furanyl)propyl]amino]-3,4-dioxocyclobut-1-en-1-yl]amino]benzamide
INVENTOR(S): Yin, Jianguo; Fu, Xiaoyong; Zhang, Shuyi; McAllister, Timothy L.; Kim-Meade, Agnes S.; Winters, Jason L.; Sudhakar, Anantha; Schumacher, Doris P.
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 45 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004209946	A1	20041021	US 2004-826456	20040416
WO 2004094398	A2	20041104	WO 2004-US11882	20040416
WO 2004094398	A3	20050303		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-463773P P	20030418

OTHER SOURCE(S): CASREACT 141:366119; MARPAT 141:366119

=> d ibib 4-6

L4 ANSWER 4 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:609929 HCAPLUS
DOCUMENT NUMBER: 141:157023
TITLE: Preparation of 3,4-diaminocyclobutene-1,2-diones as CXC-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.; Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Biju, Purakkattle J.; Nelson, Kingsley H.; Rokosz, Laura L.; Jakway, James P.; Lai, Gaifa; Wu, Minglang; Hecker, Evan A.; Lundell, Daniel; Fine, Jay S.
PATENT ASSIGNEE(S): Schering Corporation and Pharmacopeia, Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 352 pp., Cont.-in-part of U.S. Ser. No. 241,326.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004147559	A1	20040729	US 2003-630258	20030730
US 2004097547	A1	20040520	US 2002-208412	20020730
US 2004106794	A1	20040603	US 2002-241326	20020911
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			US 2002-122841	B2 20020415
			US 2002-208412	A2 20020730
			US 2002-241326	A2 20020911

OTHER SOURCE(S): MARPAT 141:157023

L4 ANSWER 5 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:451668 HCAPLUS
DOCUMENT NUMBER: 141:23213
TITLE: Preparation of 3,4-di-substituted cyclobutene-1,2-diones as CXC-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.; Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Biju, Purakkattle J.; Nelson, Kingsley H.; Rokosz, Laura L.
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 331 pp., Cont.-in-part of U.S. Ser. No. 208,412.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004106794	A1	20040603	US 2002-241326	20020911
US 2004097547	A1	20040520	US 2002-208412	20020730
CA 2496676	AA	20040205	CA 2003-2496676	20030730
WO 2004011418	A1	20040205	WO 2003-US23785	20030730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004147559	A1	20040729	US 2003-630258	20030730
EP 1539678	A1	20050615	EP 2003-772075	20030730
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BR 2003013109	A	20050621	BR 2003-13109	20030730
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			US 2002-122841	A2 20020415
			US 2002-208412	A2 20020730
			US 2002-241326	A 20020911
			WO 2003-US23785	W 20030730

OTHER SOURCE(S): MARPAT 141:23213

L4 ANSWER 6 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:414638 HCAPLUS
DOCUMENT NUMBER: 140:406571
TITLE: Preparation of 3,4-di-substituted cyclobutene-1,2-diones as CXC-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.; Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Nelson, Kingsley H.; Rokosz, Laura L.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 308 pp., Cont.-in-part of U.S. Ser. No. 122,841.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004097547	A1	20040520	US 2002-208412	20020730
US 2004106794	A1	20040603	US 2002-241326	20020911
CA 2496676	AA	20040205	CA 2003-2496676	20030730
WO 2004011418	A1	20040205	WO 2003-US23785	20030730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004147559	A1	20040729	US 2003-630258	20030730
EP 1539678	A1	20050615	EP 2003-772075	20030730
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003013109	A	20050621	BR 2003-13109	20030730
PRIORITY APPLN. INFO.:			US 2001-284026P	P 20010416
			US 2002-122841	A2 20020415
			US 2002-208412	A2 20020730
			US 2002-241326	A 20020911
			WO 2003-US23785	W 20030730

OTHER SOURCE(S): MARPAT 140:406571

=> d ibib 7-10

L4 ANSWER 7 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:101122 HCAPLUS
DOCUMENT NUMBER: 140:163890
TITLE: Preparation of 3,4-di(substituted amino)cyclobutene-1,2-diones as CXC-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Chao, Jianping; Dwyer, Michael; Chao, Jianhua; Yu, Younong; Merritt, J. Robert; Biju, Purakkattle; Jakway, James; Lai, Gaifa; Wu, Minglang; Hecker, Evan A.; Lundell, Daniel; Fine, Jay S.
PATENT ASSIGNEE(S): Schering Corporation, USA; Pharmacopeia, Inc.
SOURCE: PCT Int. Appl., 252 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004011418	A1	20040205	WO 2003-US23785	20030730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004097547	A1	20040520	US 2002-208412	20020730
US 2004106794	A1	20040603	US 2002-241326	20020911
CA 2496676	AA	20040205	CA 2003-2496676	20030730
EP 1539678	A1	20050615	EP 2003-772075	20030730
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003013109	A	20050621	BR 2003-13109	20030730
PRIORITY APPLN. INFO.:			US 2002-208412 A	20020730
			US 2002-241326 A	20020911
			US 2001-284026P P	20010416
			US 2002-122841 A2	20020415
			WO 2003-US23785 W	20030730

OTHER SOURCE(S): MARPAT 140:163890
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 8 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:777586 HCAPLUS
DOCUMENT NUMBER: 139:291990
TITLE: Preparation of diaminocyclobutene-1,2-diones for combination treatments for chemokine-mediated diseases
INVENTOR(S): Taveras, Arthur G.; Billah, Motasim; Lundell, Daniel; Kreutner, William; Jakway, James; Fine, Jay S.; Bober, Loretta A.; Chao, Jianhua; Biju, Purakkattle; Yu, Younong
PATENT ASSIGNEE(S): Schering Corporation, USA
SOURCE: PCT Int. Appl., 214 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080053	A1	20031002	WO 2003-US8287	20030317
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
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CA 2479126	AA	20031002	CA 2003-2479126	20030317
US 2004053953	A1	20040318	US 2003-390078	20030317
EP 1485089	A1	20041215	EP 2003-716685	20030317
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BR 2003008739	A	20050111	BR 2003-8739	20030317
JP 2005533005	T2	20051104	JP 2003-577881	20030317
NO 2004004402	A	20041217	NO 2004-4402	20041015
PRIORITY APPLN. INFO.:			US 2002-365314P P	20020318
			WO 2003-US8287 W	20030317

OTHER SOURCE(S): MARPAT 139:291990
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:570948 HCAPLUS
DOCUMENT NUMBER: 139:133343
TITLE: Preparation of arylsulfonylalkanoic acids as αvβ3 and αvβ5 integrin antagonists
INVENTOR(S): Dixon, Julie; Brennan, Catherine; Dumas, Jacques; Hatoum-Mokdad, Holia; Sibley, Robert; Hart, Barry; Khire, Uday; Scott, William J.; Johson, Jeffrey; Liu, Peying; Redman, Aniko; Wood, Jill
PATENT ASSIGNEE(S): Bayer Corporation, USA
SOURCE: PCT Int. Appl., 261 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003059872	A1	20030724	WO 2002-US41692	20021231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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PRIORITY APPLN. INFO.:			US 2001-345726P P	20011231

OTHER SOURCE(S): MARPAT 139:133343
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 10 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:814089 HCAPLUS
DOCUMENT NUMBER: 137:325178
TITLE: Preparation of 3,4-di-substituted cyclobutene-1,2-diones as cxc-chemokine receptor ligands
INVENTOR(S): Taveras, Arthur G.; Aki, Cynthia J.; Bond, Richard W.; Chao, Jianping; Dwyer, Michael; Ferreira, Johan A.; Chao, Jianhua; Yu, Younong; Baldwin, John J.; Kaiser, Bernd; Li, Ge; Merritt, J. Robert; Nelson, Kingsley H.; Rokosz, Laura L.
PATENT ASSIGNEE(S): Schering Corporation, USA; Pharmacopeia, Inc.
SOURCE: PCT Int. Appl., 394 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002083624	A1	20021024	WO 2002-US12681	20020415
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2444031	AA	20021024	CA 2002-2444031	20020415
NZ 529551	A	20031219	NZ 2002-529551	20020415
EP 1381590	A1	20040121	EP 2002-739172	20020415
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002008957	A	20040622	BR 2002-8957	20020415
CN 1516687	A	20040728	CN 2002-811979	20020415
JP 2004532846	T2	20041028	JP 2002-581381	20020415
ZA 2003007905	A	20050110	ZA 2003-7905	20031009
NO 2003004612	A	20031208	NO 2003-4612	20031015
PRIORITY APPLN. INFO.:			US 2001-284026P P	20010416
			WO 2002-US12681 W	20020415

OTHER SOURCE(S): MARPAT 137:325178
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

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L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:107924 HCAPLUS
DOCUMENT NUMBER: 136:167692
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-Ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Brueggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
SOURCE: U.S. Pat. Appl. Publ., 256 pp., Division of U.S. Ser. No. 464,237.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2002016461	A1	20020207	US 2001-828514		20010406
US 6677360	B2	20040113			
US 6420396	B1	20020716	US 1999-464237		19991215
US 2004030132	A1	20040212	US 2002-285073		20021031
PRIORITY APPLN. INFO.:			US 1998-172225P	P	19981216
			US 1999-464237	A3	19991215
			US 1999-172217P	P	19991019
			US 2001-828514	A3	20010406

OTHER SOURCE(S): MARPAT 136:167692
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:421093 HCAPLUS
DOCUMENT NUMBER: 133:43809
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Bruggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 360 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2000035864	A1	20000622	WO 1999-EP9843		19991213
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
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CA 2355161	AA	20000622	CA 1999-2355161		19991213
EP 1140809	A1	20011010	EP 1999-967934		19991213
EP 1140809	B1	20050831			
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BR 9916367	A	20011030	BR 1999-16367		19991213
TR 200102498	T2	20020221	TR 2001-200102498		19991213
EE 200100317	A	20020815	EE 2001-317		19991213
JP 2002532465	T2	20021002	JP 2000-588126		19991213
NZ 512339	A	20030328	NZ 1999-512339		19991213
AU 761407	B2	20030605	AU 2000-24312		19991213
AT 303359	E	20050915	AT 1999-967934		19991213
ZA 2001014432	A	20020530	ZA 2001-14432		20010530
BG 105574	A	20020131	BG 2001-105574		20010607
NO 2001002975	A	20010813	NO 2001-2975		20010615
HR 2001000531	A1	20020831	HR 2001-531		20010716
PRIORITY APPLN. INFO.:			US 1998-213381	A	19981216
			WO 1999-EP9843	W	19991213

OTHER SOURCE(S): MARPAT 133:43809
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 13 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1981:424700 HCAPLUS
DOCUMENT NUMBER: 95:24700
TITLE: Reactions of cyclobutenediones. LVI. Reactions of C-pyrrolidino-N-(2-chloro-3,4-dioxo-1-cyclobuten-1-yl)formimidoyl chloride and synthesis of cyclobutenylium cations
AUTHOR(S): Ried, Walter; Vitt, Ulrike; Dietschmann, Hans
CORPORATE SOURCE: Inst. Org. Chem., Univ. Frankfurt, Frankfurt/Main, D-6000/70, Fed. Rep. Ger.
SOURCE: Liebigs Annalen der Chemie (1981), (3), 402-9
CODEN: LACHDL; ISSN: 0170-2041
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 95:24700

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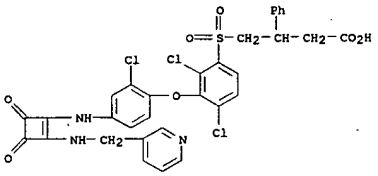
L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:570948 HCAPLUS
DOCUMENT NUMBER: 139:133343
TITLE: Preparation of arylsulfonylalkanoic acids as αvβ3 and αvβ5 integrin antagonists
INVENTOR(S): Dixon, Julie; Brennan, Catherine; Dumas, Jacques; Hatoum-Mokdad, Holia; Sibley, Robert; Hart, Barry; Khire, Uday; Scott, William J.; Johson, Jeffrey; Liu, Peying; Redman, Aniko; Wood, Jill
PATENT ASSIGNEE(S): Bayer Corporation, USA
SOURCE: PCT Int. Appl., 261 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003059872	A1	20030724	WO 2002-US41692	20021231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-345726P P 20011231

OTHER SOURCE(S): MARPAT 139:133343
IT **569306-04-3P 569307-29-5P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylsulfonylalkanoic acids as αvβ3 and αvβ5 integrin antagonists)
RN 569306-04-3 HCAPLUS
CN Benzenepropanoic acid, β-[[[2,4-dichloro-3-[2-chloro-4-[[3,4-dioxo-2-[(3-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]phenoxy]phenyl]sulfonyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 9 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



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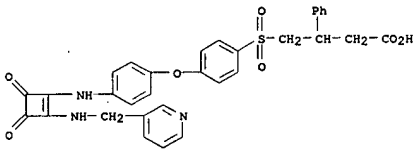
RN 569307-29-5 HCAPLUS
CN Benzenepropanoic acid, β-[[[4-[4-[[3,4-dioxo-2-[(3-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]phenoxy]phenyl]sulfonyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:107924 HCAPLUS
DOCUMENT NUMBER: 136:167692
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-Ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Brueggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
SOURCE: U.S. Pat. Appl. Publ., 256 pp., Division of U.S. Ser. No. 464,237.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002016461	A1	20020207	US 2001-828514	20010406
US 6677360	B2	20040113		
US 6420396	B1	20020716	US 1999-464237	19991215
US 2004030132	A1	20040212	US 2002-285073	20021031

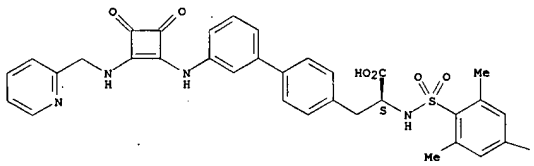
PRIORITY APPLN. INFO.: US 1998-172225P P 19981216
US 1999-464237 A3 19991215
US 1999-172217P P 19991019
US 2001-828514 A3 20010406

OTHER SOURCE(S): MARPAT 136:167692
IT **276260-46-9P 276260-60-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of biphenyl amino acid analogs as integrin antagonists for
inhibition of angiogenesis and treatment of cancer, osteolytic diseases, arteriosclerosis, restenosis, rheumatoid arthritis, and ophthalmic disorders)
RN 276260-46-9 HCAPLUS
CN [1,1'-Biphenyl]-4-propanoic acid, 3'-[[3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]-α-[[(2,4,6-trimethylphenyl)sulfonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 11 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

PAGE 1-A



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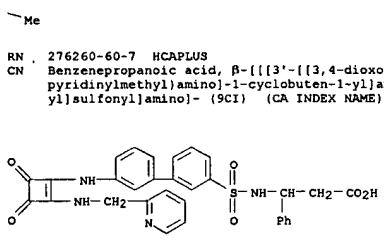


REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:421093 HCAPLUS
DOCUMENT NUMBER: 133:43809
TITLE: Preparation of new biphenyl and biphenyl-analogous compounds as integrin antagonists
INVENTOR(S): Albers, Markus; Urbahns, Klaus; Vaupel, Andrea; Harter, Michael; Schmidt, Delf; Stelte-ludwig, Beatrix; Gerdes, Christoph; Stahl, Elke; Keldenich, Jorg; Bruggemeier, Ulf; Lustig, Klemens
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany; et al.
SOURCE: PCT Int. Appl., 360 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000035864	A1	20000622	WO 1999-EP9843	19991213
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2355161	AA	20000622	CA 1999-2355161	19991213
EP 1140809	A1	20011010	EP 1999-967934	19991213
EP 1140809	B1	20050831		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9916367	A	20011030	BR 1999-16367	19991213
TR 200102498	T2	20020221	TR 2001-200102498	19991213
EE 200100317	A	20020815	EE 2001-317	19991213
JP 2002532465	T2	20021002	JP 2000-588126	19991213
NZ 512339	A	20030328	NZ 1999-512339	19991213
AU 761407	B2	20030605	AU 2000-24312	19991213
AT 303359	E	20050915	AT 1999-967934	19991213
ZA 2001014432	A	20020530	ZA 2001-14432	20010530
BG 105574	A	20020131	BG 2001-105574	20010607
NO 2001002975	A	20010813	NO 2001-2975	20010615
HR 2001000531	A1	20020831	HR 2001-531	20010716

PRIORITY APPLN. INFO.: US 1998-213381 A 19981216
WO 1999-EP9843 W 19991213

OTHER SOURCE(S): MARPAT 133:43809
IT **276260-46-9P 276260-60-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of new biphenyl and biphenyl-analogous compds. as integrin

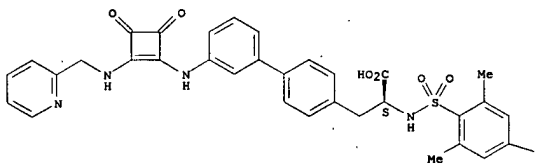
L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L4 ANSWER 12 OF 13 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
antagonists)
RN 276260-46-9 HCAPLUS
CN [1,1'-Biphenyl]-4-propanoic acid, 3'-[[3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino]-α-[[(2,4,6-trimethylphenyl)sulfonyl]amino]-, (αS)- (9CI) (CA INDEX NAME)

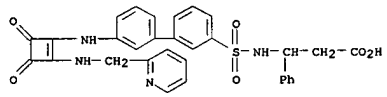
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

RN 276260-60-7 HCAPLUS
CN Benzenepropanoic acid, β-[[[3'-[[3,4-dioxo-2-[(2-pyridinylmethyl)amino]-1-cyclobuten-1-yl]amino][1,1'-biphenyl]-3-yl]sulfonyl]amino]- (9CI) (CA INDEX NAME)



Andrew Freistein 10/630,258

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